

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name</b>	<b>Endorsement Code</b>
2-4 Cycle Engines	775
Aircraft Maintenance	773
Automotive	770
Aviation Ground School	774
Barbering	780
Broadcasting	710
Carpentry	706
Collision Repair	771
Concrete/Masonry	702
Cosmetology	781
Culinary Arts	730
Diesel Equipment	772
Distribution and Logistics	776
Drafting/CAD	700
Electrical	701
Fire Safety	751
Graphic Design	711
HVAC	707
Health Informatics	721
Health Science	720
Information Technology	740
Legal and Protective Services	750
Manufacturing	760
Plumbing	703
Programming	742
Public Health	722
Welding	705

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	2-4 Cycle Engines 775
<b>Previous Endorsements</b>	568
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Equipment Engine Training Certification, EETC
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in 2-4 cycle engine technology, one year of work experience in endorsement area, and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Aircraft Maintenance 773
<b>Previous Endorsements</b>	512
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	FAA industry certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in aviation maintenance, one year full time work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in aviation maintenance and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Automotive 770
<b>Previous Endorsements</b>	508
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE A-4, ASE A-5, ASE A-6, and ASE A-8 or G-1
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in automotive technology, one year of work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in automotive technology and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Aviation Ground School 774
<b>Previous Endorsements</b>	594
<b>Minimum Education</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	FAA industry certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in aviation/commercial or private pilot, one year full time work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in aviation/commercial or private pilot and one and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Barbering 780
<b>Previous Endorsements</b>	560
<b>Minimum Education Requirements</b>	High School diploma and completion of a barbering instructor curriculum
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Tennessee Barbering Instructor License
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Broadcasting 710
<b>Previous Endorsements</b>	576, 597
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in broadcasting/digital media and three years of full time work experience in endorsement area</li> <li>• Bachelor's degree in broadcasting/digital media and one year full time work experience in endorsement area</li> <li>• Master's degree in broadcasting/digital media</li> </ul>
<b>Endorsement Name and Code</b>	Carpentry 706
<b>Previous Endorsements</b>	522
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship, NOCTI Carpentry 5265, or Tennessee Contractor's license Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Collision Repair 771
<b>Previous Endorsements</b>	507
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE B-2, ASE B-3, and ASE B-4 or I-Car
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in collision repair/refinishing and one year of work experience in endorsement area out of the past eight and industry certification</li> <li>• Bachelor's degree in collision repair/refinishing and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Concrete/Masonry 702
<b>Previous Endorsements</b>	524
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Masonry 5933 Tennessee Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Cosmetology 781
<b>Previous Endorsements</b>	561
<b>Minimum Education Requirements</b>	High School diploma and completion of a cosmetology instructor curriculum
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Tennessee Cosmetology Instructor license
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Culinary Arts 730
<b>Previous Endorsements</b>	562
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Serve-Safe or National Registry of Food Safety Professionals, or Certified Culinary Chef Educator (CCE) Industry Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in culinary arts, industry certification, and three years full time work experience out of the past eight in endorsement area</li> <li>• Bachelor's degree in culinary arts, industry certification, and one year full time work experience out of the past eight in endorsement area</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Diesel Equipment 772
<b>Previous Endorsements</b>	581
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE T-2, ASE T-6, and ASE T-8
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in diesel technology, one year of work experience in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Distribution and Logistics 776
<b>Previous Endorsements</b>	503
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in distribution and logistics and three years full time work experience out of the past eight in endorsement area</li> <li>Bachelor's degree in distribution and logistics and one year full time work experience out of the past eight in endorsement area</li> </ul>
<b>Endorsement Name and Code</b>	Drafting/CAD 700
<b>Previous Endorsements</b>	531
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ADDA Certified Drafter or Autodesk
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in drafting, one year work experience, and industry certification</li> <li>Bachelor's degree in drafting and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Electrical 701
<b>Previous Endorsements</b>	523
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Electrical 5271 or Tennessee Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in building construction, one year of work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in building constructions and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Fire Safety 751
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Fire Fighter Instructor 1
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in fire science and one year work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in fire science and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Graphic Design 711
<b>Previous Endorsements</b>	543
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ADDA Certified Digital Designer or NOCTI Advertising & Design 5261 or Adobe Certified Expert Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in graphic design, one year work experience, and industry certification</li> <li>• Bachelor's degree in graphic design and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	HVAC 707
<b>Previous Endorsements</b>	598
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or HVAC Excellence Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Health Informatics 721
<b>Minimum Education Requirements</b>	Associate's degree or above in endorsement area
<b>Occupational Work Experience</b>	One year full time work experience out of the past five in endorsement area
<b>Industry Certification</b>	CPC-Certified Professional Coder or CCA-Certified Coding Associate or CCS-Certified Coding Specialist or RHIT-Registered Health Information Technician or RHIA-Registered Health Information Administrator or MCT-Medical Coding Technician
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Bachelor's degree in health informatics and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Health Science 720
<b>Previous Endorsements</b>	577
<b>Minimum Education Requirements</b>	Associate's degree or above to obtained medical license
<b>Occupational Work Experience</b>	One year full time or part time work experience out of the past five
<b>Industry Certification</b>	Tennessee Board of Health issued license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>All applicants must provide verification of one year full time or part time work experience out of the past five and industry certification regardless of postsecondary degree level</li> </ul>
<b>Endorsement Name and Code</b>	Information Technology 740
<b>Previous Endorsements</b>	595
<b>Minimum Education Requirements</b>	Associate's degree or above in endorsement area
<b>Occupational Work Experience</b>	Two years work experience out of the past eight years
<b>Industry Certification</b>	A+ or Net Plus or CIW or CISCO
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Bachelor's degree in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Legal and Protective Services 750
<b>Previous Endorsements</b>	590
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	POST for applicants using work experience
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in criminal justice and three years of full time work experience out of the past eight in endorsement area</li> <li>Bachelor's degree in criminal justice and one year full time work experience out of the past eight years in endorsement area</li> <li>Master's degree in criminal justice or juris doctorate</li> </ul>
<b>Endorsement Name and Code</b>	Advanced Manufacturing 760
<b>Previous Endorsements</b>	596
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	National Institute of Metalworking Skills certification (NIMS)
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in manufacturing operations/technology, one year of work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in manufacturing operations/technology and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Plumbing 703
<b>Previous Endorsements</b>	527
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Plumbing 5175 or Tennessee Contractors license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction, one year of work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Programming 742
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	A+ or Net Plus or CIW or CISCO
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in endorsement area, one year work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Public Health 722
<b>Minimum Education Requirements</b>	Bachelor's degree in Public Health or Public Health Administration
<b>Occupational Work Experience</b>	One year of full time work experience out of the past five years in endorsement area
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Welding 705
<b>Previous Endorsements</b>	584
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	AWS or U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or Certified Welding Educator Certification, NOCTI Welding 5279
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in welding/fabrication, one year full time work experience, and industry certification</li> <li>• Bachelor's degree in welding/fabrication and industry certification</li> </ul>